

COVER SHEET (PAGE 1 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

**Proposal Title:** Red Bluff Trailway Education and Outreach Program

**Applicant Name:** Dr. Donald Holtgrieve, Department of Geography and Planning

**Mailing Address:** CSU, Chico, Chico, CA 95929-0425

**Telephone:** 530-898-5780

**Fax:** 530-898-6781

Amount of funding requested: **\$41,414.51** for **1** year

Indicate the topic for which you are applying (check only one box). Note that this is an important decision: see page \_\_\_\_ of the Proposal Solicitation Package for more information.

- |  |                           |
|--|---------------------------|
| Fish Passage Assessment  | Fish Passage Improvements |
| Floodplain and Habitat Restoration                               | Gravel Restoration        |
| Fish Harvest   | Species Life Studies      |
| Watershed Planning/Implementation                                | <b>X Education</b>        |
| Fish Screen Evaluations – Alternatives and Biological Priorities |                           |

Indicate the geographic area of your proposal (check only one box):

- |  |                                  |
|--|----------------------------------|
| <b>X Sacramento River Mainstream</b>   | Sacramento Tributary             |
| Delta                                  | East Side Delta Tributary: _____ |
| Suisun Marsh and Bay                   | San Joaquin Tributary: _____     |
| San Joaquin River Mainstream           | Other: _____                     |
| Landscape (entire Bay-Delta watershed) | North Bay: _____                 |

Indicate the primary species which the proposal address (check no more than two boxes):

- |   |                                  |
|---|----------------------------------|
| San Joaquin and East Side Delta tributaries fall-run chinook salmon |                                  |
| Winter-run chinook salmon   | Spring-run Chinook salmon        |
| Late-fall run chinook salmon  | <b>X Fall-run chinook salmon</b> |
| Delta smelt   | Longfin smelt                    |
| Splittail   | <b>X Steelhead trout</b>         |
| Green Sturgeon  | Striped bass                     |
| Migratory birds   |                                  |

COVER SHEET (PAGE 2 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Indicate the type of applicant (check only one box):


- |  |  |
|--|--|
| <input type="checkbox"/> State agency                    | <input type="checkbox"/> Federal agency        |
| <input type="checkbox"/> Public/Non-profit joint venture | <input checked="" type="checkbox"/> Non-profit |
| <input type="checkbox"/> Local government/district       | <input type="checkbox"/> Private party         |
| <input type="checkbox"/> University                      | <input type="checkbox"/> Other: _____          |

Indicate the type of project (check only one box):

- |                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/> Planning   | <input type="checkbox"/> Implementation       |
| <input type="checkbox"/> Monitoring | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Research   |   |

By signing below, the applicant declares the following:

- (1) the truthfulness of all representations in their proposal;
- (2) the individual signing the form is entitled to submit the application on behalf of the applicant (if applicant is an entity or organization); and
- (3) the person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section II.K) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

  
\_\_\_\_\_  
(Signature of Applicant)

## Executive Summary

### Red Bluff Trailways Education and Outreach Program

#### Project Description and Primary Biological/Ecological Objectives

The Red Bluff Trailways Education and Outreach Program continues the successful community efforts begun by Red Bluff Trails United to develop a greenway/trailway along city streams and the Sacramento River in the City of Red Bluff. The Trailway will improve the water quality and habitat in the City of Red Bluff rivers and streams, through restoration projects, providing educational activities and facilities, and encouraging stewardship.

#### Approach/Tasks/Schedule

This proposal asks for funding to advance the planning, design and development process. Specifically, this funding will be used to conduct the necessary public outreach and education efforts to include volunteer training, and public relations, workshops, and meetings.

The Project Tasks include establishing and training volunteer subcommittees, performing environmental assessment, conducting public participation workshops, and finally developing a greenway/trailway master plan. The project will take one year.

#### Justification for Project and Funding by CALFED

The focus of the project will be on creekside protection, restoration, education, and stewardship. The education and outreach program will involve numerous groups and individual volunteers who will be asked to participate directly in the trailway planning effort. Through involvement the participants will learn the value and functions of stream and river corridors, and also learn about the "nuts and bolts" of watershed planning including erosion control, fishery issues, water quality and supply, property and water rights, and riverine and riparian habitats.

Particular importance will be placed on the protection and restoration of instream aquatic habitat and shaded riverine aquatic habitat. The primary stressors to be addressed in the program are *Water Quality* (contaminants), *Water Temperature*, and *Land Use* (urbanization).

#### Budget Costs and Third Party Impacts

Request from CALFED for budget costs to complete tasks and phases of project amounts to \$41,414.51. No negative third party impacts would be realized from this project.

#### Applicant Qualifications

The CSU, Chico Research Foundation has a successful record of managing grants awarded by both State and Federal Agencies. The Project Co-Director, Dr. Donald Holtgrieve has directed hundreds of projects including several watershed planning efforts and fisheries enhancement projects. Project Co-Director Rich Holman is an Assistant

Professor of Construction Management at CSU, Chico. Holman has been involved in the management and conceptual design of several water-related projects including several creekside stabilization projects. He was a project engineer for construction of the Shasta Dam Temperature Control Device. Project Planner Kent Lundberg has been working with the trailway community group in Red Bluff (Red Bluff Trails United) for over six months. He presently manages numerous planning projects throughout the North State.

#### **Monitoring and Data Evaluation**

Monitoring and evaluation methods of the proposed project include:

- 1) **Participation lists.** The number of people participating in this education and outreach project will be recorded.
- 2) **Number of volunteers.** In addition to participation in the scheduled workshops, volunteers will be required for numerous tasks. The volunteer's names will be recorded.
- 3) **Further funding.** There are few funding opportunities for trailways development without a trailways plan. As this project progresses there will be increasing opportunity for further funding.
- 4) **Project advancement.** The degree of project advancement will be used to evaluate the success of the project.
- 5) **Trailway construction.** Ultimately, the success of the project will be determined by the beginning of construction of the trailway or associated projects.

#### **Local Support/Coordination with other Programs/Compatibility with CALFED objectives**

There is tremendous local support for the Trailways project. Organizations expressing support include the City of Red Bluff, the County of Tehama, the Downtown Revitalization Committee, local school districts, and local service organizations (See Support Documents, Attachments D-G).

The Red Bluff Trailways project is being coordinated with the work of several school teachers, the County-wide Bike Planning effort, Sacramento River Discovery Center activities, the National Parks Service, and local watershed interests.

## **Red Bluff Trailway Education and Outreach Program**

Name of applicant/principle investigator(s):

Research Foundation, California State University, Chico,

Dr. Holtgrieve

Department of Geography and Planning

California State University, Chico

Chico, CA 95929-0425

530-898-5780, 530-898-6781 fax, dholtgrieve@oavax.csuchico.edu

### **Type of Organization and Tax Status**

Auxiliary organization of CSU, Chico as provided for in the California Education Code, Title 5.

Tax Status: Non-profit educational corporation 501(c)3

### **Tax Identification Number**

68-0386518

### **Participants/Collaborators in Implementation**

City of Red Bluff, Downtown Revitalization Committee, County of Tehama, Resource, Conservation District, Reeds Creek Watershed Conservancy, United States Department of the Interior, National Park Service, Rivers Trails and Conservation Assistance Program.

### Project Description and Approach

The purpose of this project is to improve the water quality along streams and in a portion of the Sacramento River in the City of Red Bluff. These waterways—Reeds, Brewery, and Brickyard Creeks and the Sacramento River—are located in a relatively dense urban setting. Drainage from these areas flows into the creeks and into the Sacramento River thereby reducing river water quality for anadromous fish.

Another objective of the project is to improve the quality of the waterways as part of an effort to make the town environment more beautiful to residents and tourists. Like many city streams these waterways have been subject to massive erosion, pollution from unregulated human activity, and deteriorating riparian habitat. In addition to improving the waterways through the town, the trail would in effect link the town providing safe non-vehicular access to schools, recreational destinations, and downtown. (See Red Bluff Trails United Map, Attachment-B)

An active group of local elected officials, school teachers, school children, downtown promoters, and concerned citizens have formed Red Bluff Trails United, a community group inspired to restore the urban creeks of Red Bluff while providing recreational and educational opportunities. (At least two teachers in town use the creeks as regular environmental "classrooms") This group has conceived a bikeways/greenbelt approach where waterway restoration (riparian restoration, bank stabilization, etc.) will include a Class I bike trail and interpretive and recreational sites. The trail would parallel steelhead and fall run salmon habitat.

For the last year the City of Red Bluff has been conducting public meetings discussing creek clean up, general trail routes, potential habitat restoration sites, and educational opportunities. The planning process encompasses the development of base maps, project design, landscape and irrigation plans, environmental impact assessment, school and public education materials, public involvement efforts, an implementation plan, maintenance plans, and cost estimates.

For this grant application we are seeking support for the public outreach and education component of the planning process. We are seeking funding to support staff time toward the oversight and coordination of these efforts, as well as funding for specialists who will provide design expertise. Dr. Donald Holtgrieve a professor of Geography and Planning will lead the watershed-related educational activities to include riparian restoration, creekside stabilization, and natural history interpretation of endangered species issues. Rich Holman a professor of Construction Management and will lead the design workshops and provide cost estimations and feasibility reports.

### Proposed Scope of Work- Outreach and Education Program

#### Task 1. Field Investigation

- 1.1 *Appoint planning and design subcommittees.* Subcommittees will be established and leaders will be identified from the Red Bluff Trails United group. The subcommittees will be trained by Holtgrieve and Holman to conduct fieldwork.

*Deliverables: Subcommittee groups identified, training/background material for volunteers, meeting with subcommittee leaders.*

**1.2 Conduct Field Research.** The fieldwork will consist of a careful examination of the physical features of the landscape including the soil, geology, vegetation, water, climate, and animal life.

*Deliverables: Map to include significant geologic, vegetation, soil, and hydrology features adjacent to corridor, record of fieldwork.*

**1.3 Determine Other Relevant Features.** Subcommittees will also address the following subjects as they pertain to creekside trail suitability:

- **Access/Transportation.** The extent of public access is an important variable that must be defined for the Red Bluff Greenway system. It will depend on such things as (a) the degree of accessibility desired, (b) the capacity of the corridor landscape to absorb the impact of human use, and (c) the accessibility of the corridor to a variety of potential users. Accessibility involves access to the Greenway system and access to interpretive points, and recreational destinations within the creek and river systems.
- **Historical/cultural resources.** America's waterways are rich in history. This Trailway will provide an opportunity to protect significant corridors, historic settlements, artifacts, and other valuable remnants of an earlier age.
- **Recreation and use.** This Trailway can provide many recreational opportunities. An inventory of recreational activities and programs will be conducted.
- **Community impact.** Throughout this planning process and in particular this subtask, the subcommittees will work to determine community impacts of the proposed Trailway. To predict the trailway's impact, local residents will be surveyed and similar projects in surrounding communities will be studied.

*Deliverable: Record of surveys, research.*

## **Task 2. Conduct Public Participation Workshops**

**2.1 Present Research Findings.** Subcommittee leaders will present their findings.

Holtgrieve and Holman will provide technical expertise, presentation materials, and guidance throughout these workshops.

*Deliverables: Workshop, subcommittee research data, presentation material.*

**2.2 Establish Project Goals.** As many people as possible will be involved in the goal setting stage. A minimum of five goals will be considered in examining the possibilities for the proposed Greenway:

1. Human goals. Who should use the Greenway and for what purposes? Who will be affected? How should the Greenway be developed to accommodate stated needs?
2. Environmental goals. How should the Greenway protect and enhance water, vegetation, wildlife, air, and other natural resources and ecological systems?
3. Implementation goals. Who should implement the Greenway? A public agency or private organization? Will implementation require action and

cooperation among multiple agencies? Will it require special joint powers or other agreements that would create a new special-interest entity. This may all depend on who owns or has jurisdiction over the land the Greenway traverses.

4. Long-term management goals. Who will manage the Greenway after it has been developed? What level of management will be required?
5. Economic goals. How much money will be needed to develop and maintain the Greenway? What type of financial resources are likely to be available from federal, state, local, and private resources? What economic benefits will the completed Greenway bring and to whom?

*Deliverables: Workshop, stated goals of trailway.*

**2.3 Determine Alternative development concepts.** After defining a broad range of goals, the next step is to prepare alternative development scenarios. Each alternative scenario poses the question "what if?" and invites reasonable solutions. Examining alternatives will reveal the interrelationships among components; for example is public access compatible with protection of the landscape? This workshop will include hands-on design work for workshop participants.

Alternative scenarios will be developed using a few guiding principles:

1. Respect the rights of private property owners.
2. Maximize, the use of public landholdings.
3. Propose development only to the extent you really need to; avoid major alterations to the natural environment if possible; improve and protect the natural functions of the environment where possible.
4. Limit the number of intersections with existing vehicular travelways.
5. Promote cost-effective solutions for facility development.
6. Seek solutions that are not management intensive.
7. Pursue connection between the trailway and other ecological systems.
8. Encourage safe, enjoyable, and environmentally compatible use of the natural environment.

*Deliverables: Workshop, workshop materials, record and map of workshop results.*

### **Task 3. Preparing the final master plan**

**3.1 Prepare Master Plan.** Working with the information and input from the subcommittees and workshops, Holtgrieve and Holman will *produce a plan to include:*

- Final location/route
- Access facility siting
- Land, water conservation and heritage protection measures
- Development costs
- Management specifics
- Development strategy

*Deliverables: Master Plan, CEQA initial study.*

**3.2 Present Final Plan.** Holtgrieve and Holman will present the final Trailways plan in a public meeting.

*Deliverable: Approved Final Master Plan*

#### **Location and/or Geographic Boundaries of the Project**

The Red Bluff Trailways is located in the City of Red Bluff, County of Tehama, Upper Sacramento Watershed, and Reeds Creek Watershed (See Location Map, Appendix A).

#### **Expected Benefits**

The focus of the project will be on creekside protection, restoration, education, and stewardship. The education and outreach program will involve numerous groups and individual volunteers who will be asked to participate directly in the trailway planning effort. Through involvement the participants will learn the value and functions of stream and river corridors, and also learn about the "nuts and bolts" of watershed planning including erosion control, fishery issues, water quality and supply, property and water rights, and riverine and riparian habitats.

Particular importance will be placed on the protection and restoration of instream aquatic habitat and shaded riverine aquatic habitat. The primary stressors to be addressed in the program are *Water Quality* (contaminants), *Water Temperature*, and *Land Use* (urbanization).

It is expected that this education and outreach program will lead to the development of a trailways/greenways plan that will eventually be built. The construction of a trailway in Red Bluff could have the following benefits: flood hazard reduction, control of erosion and sedimentation, clean air and water, species protection and education.

#### **Background and Ecological/Biological/Technical Justification**

Creating trailways/greenways serves a dual purpose: they provide open space for human access and recreational use, and they serve to protect and enhance existing natural corridors. Trailways/greenways have become increasingly popular because they encourage creative use of land and they are ultimately, a community resource. From an ecological standpoint trailways/greenways offer a unique opportunity to protect natural resources that have a high concentration of ecological features and processes, namely waterways.

Communities across the country have established trailways/greenways to address various needs such as flood control (Denver), recreation and access (Portland), water quality (Honolulu), and habitat protection (Placer County). Cities using a trailways/greenways methodology benefit in that they address public needs while providing a public resource.

Some of the problems the Red Bluff Trailways addresses include massive erosion (destruction of real property), unregulated and unprofessional bankside stabilization activities, exacerbation of non-native riparian species, and water quality issues. The goal of the Red Bluff Trailways Education and Outreach Program is to protect and enhance the river, stream, and creek corridors through Red Bluff. Creating a trailway/greenway program will restore habitat, encourage recreation, provide education, stabilize banks,

improve water quality, protect species, and ultimately improve the quality of life in Red Bluff.

Through constant public involvement this program will provide residents a hands on experience where they will learn about the value of the rivers and creeks, and help determine the most appropriate sites for habitat restoration projects, educational interpretation sites, and opportunity sites for access improvement.

The education and outreach program is an integral component of the Trailway's development. Actual Trailways development will directly benefit the river and stream corridors in Red Bluff and meet specific CALFED objectives:

Implementation Objective	ERPP Section, Page #	Potential Benefits
Reduce populations of invasive nonnative tree and shrub species that compete with the establishment and succession of native riparian vegetation in the Sacramento River Ecological Zone.	Sacramento River Ecological Zone, Invasive Riparian and Salt Marsh Plants, Page 148.	Better public understanding of riparian values. Potential revegetation projects associated with Trailway development.
Modify channel and basin configurations to improve floodplain function along rivers and streams in the Sacramento-San Joaquin basin.	Sacramento River Ecological Zone, Natural Floodplain and Flood Processes, Page 139.	Better public understanding of hydrologic functions. Potential floodplain improvements associated with Trailway development.
Maintain, improve, and restore water temperature regimes to meet the life-history needs of aquatic organisms.	Sacramento River Ecological Zone, Central Valley Stream Temperatures, Page 149.	Better public understanding of water quality issues. Potential for riparian and riverine restoration projects associated with Trailway development.
Reduce concentrations and loading of contaminants in the aquatic environment and the subsequent bioaccumulation by aquatic species.	Sacramento River Ecological Zone, Contaminants, Page 154.	Better understanding of water quality issues. Increased stewardship due to Trailway development and regulated access.

For nearly a year Red Bluff Trails United has been meeting monthly to investigate the development of a Trailways system. With funding support from the City of Red Bluff and in consultation with CSU, Chico, the group has produced a concept map of a trailway and made some preliminary site evaluations. With technical assistance provided by staff from the US Park Service's Rivers, Trails, and Conservation Assistance Program, a planning and development workplan has been developed. This workplan identifies numerous steps associated with the development of a trailways plan, and this grant application addresses the public and educational components of that workplan.

#### Monitoring and Data Evaluation (non-biological and ecological)

Monitoring and evaluation methods of the proposed project includes: participation lists, number of volunteers, further funding, project advancement, and finally trailway construction.

**Implementability**

The Red Bluff Trailways Outreach and Education Program will be conducted in compliance of CEQA and NEPA. The nature of the program will allow and encourage the full participation of all interested and/or concerned citizens and landowners. The Program will also research and address potentially relevant issues, including cultural and historic resources.

Presently there is wide-ranging support for the Trailways effort. Supporters include, the City of Red Bluff, the County of Tehama, Red Bluff School Districts, community service organizations, and state and federal agencies. (Please see Attachments D-G)

## Budget Costs

Note: Each task of this project is integral to the final approval and development of the Trailways system in Red Bluff. The tasks for the project are listed step-by-step and changes in the progression of the tasks would jeopardize the success of the project. The tasks however may be separated into the major tasks listed (Task 1, 2, and 3) as long as the order is not compromised.

Funding for the future year is expected to be specific to project design, engineering, and construction. There have been no identified funding sources for this work. Possible funding sources include state and federal transportation agencies, recreational grants, Bureau of Reclamation Land Grants, and other habitat and water-related grants.

Task	Direct Labor Hours	Direct Salary and Benefits	Overhead Labor	Service Contracts	Material & Acquisition Contracts	Misc. and Other Direct Costs	Task Total
1.1	58	1,410.83	478.49				1,889.32
1.2	100	2,821.67	956.98	100.00		200.00	4,078.65
1.3	100	2,821.67	956.98	100.00		100.01	3,978.66
2.1	100	2,821.67	956.98	100.00		236.00	4,114.65
2.2	100	2,821.67	956.98	100.00		275.00	4,153.65
2.3	100	2,821.67	956.98	100.00		280.00	4,158.65
3.1	350	9,875.85	3,349.43	1,500.00		261.00	14,986.28
3.2	100	2,821.67	956.98			276.00	4,054.65
Total	1008	28,216.70	9,569.80	2,000.00		1,628.01	41,414.51

### **Schedule/Milestones**

#### **Tasks**

Project Start-up	June, 1999
1.1 Appoint Planning and Design Subcommittees	June, 1999
1.2 Conduct Field Research	July-August, 1999
1.3 Determine Other Relevant Features	September, 1999
2.1 Present Research Findings	October, 1999
2.2 Establish Project Goals	October, 1999
2.3 Determine Alternative Development Concepts	November, 1999
3.1 Prepare Master Plan	Dec., 1999-March, 2000
3.2 Present Final Plan	May, 2000

### **Third Party Impacts**

There are no known third party impacts.

### **Applicant Qualifications**

California State University, Chico

The protection and enhancement of local creeks and watersheds by local community groups is a high priority at California State University, Chico. Toward this end, faculty and resources, conservation groups, public agencies, and others as needed are utilized. As a part of its community service mission, it is the policy of the University Research Foundation to organize teams for special projects and to provide the kinds of services described below.

**Faculty:** The primary mission of our faculty is teaching our own students. However, with funds generated from grants and contracts, our faculty often undertake research, planning, and other community based projects. Faculty who have particular expertise in watershed planning and research are listed the following page. Faculty also play an educational role by supervising interns and conducting class projects that relate to the mission of watershed protection groups.

**Project Administration:** The Research Foundation, as part of its regular operation, searches for government and foundation funding opportunities, makes contact with those organizations and provides assistance in grant proposal writing. Foundation personnel then administer the grant funds, provide auditing, and bookkeeping functions, and insure compliance with all government regulations and procedures.

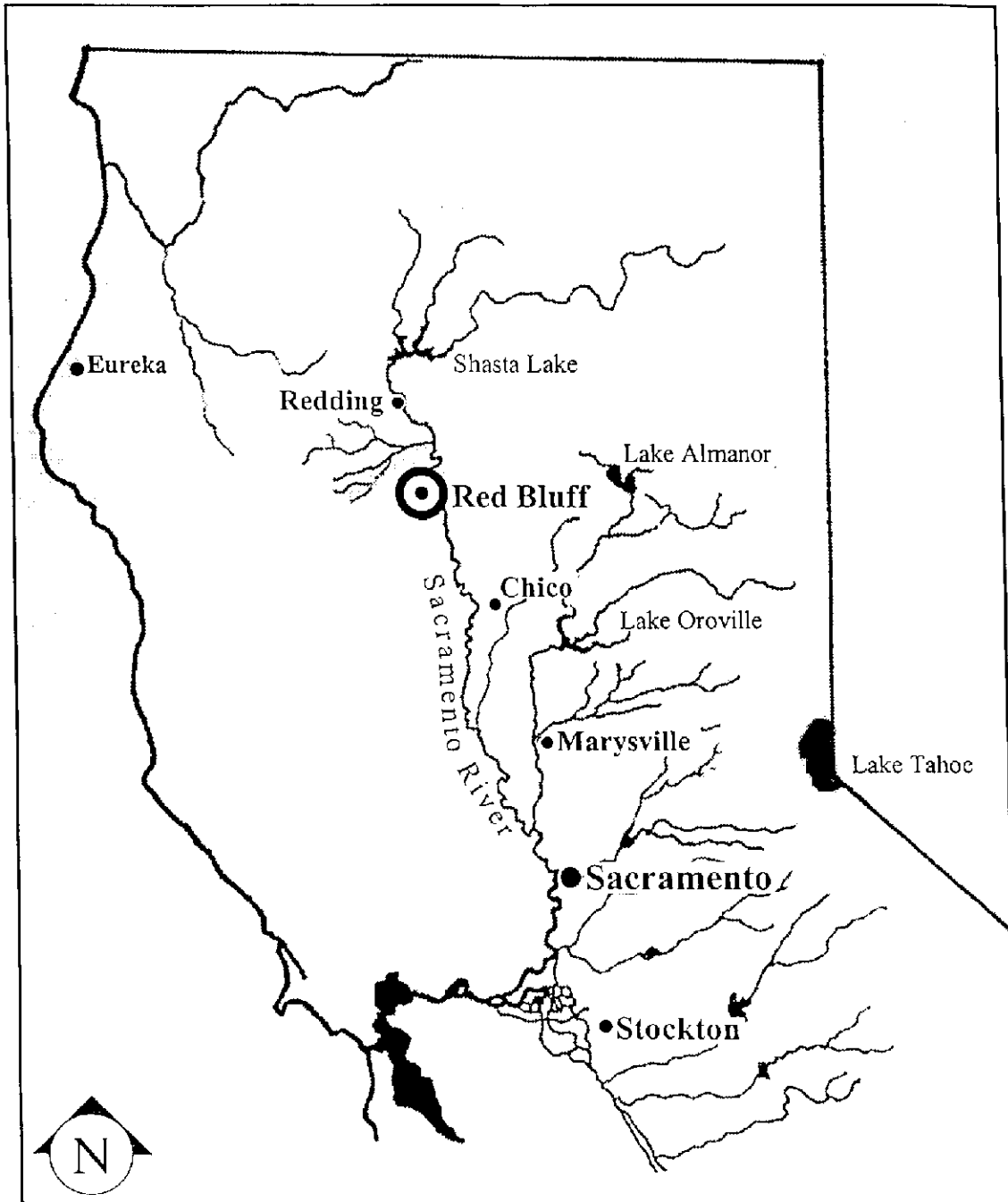
### **Project Personnel:**

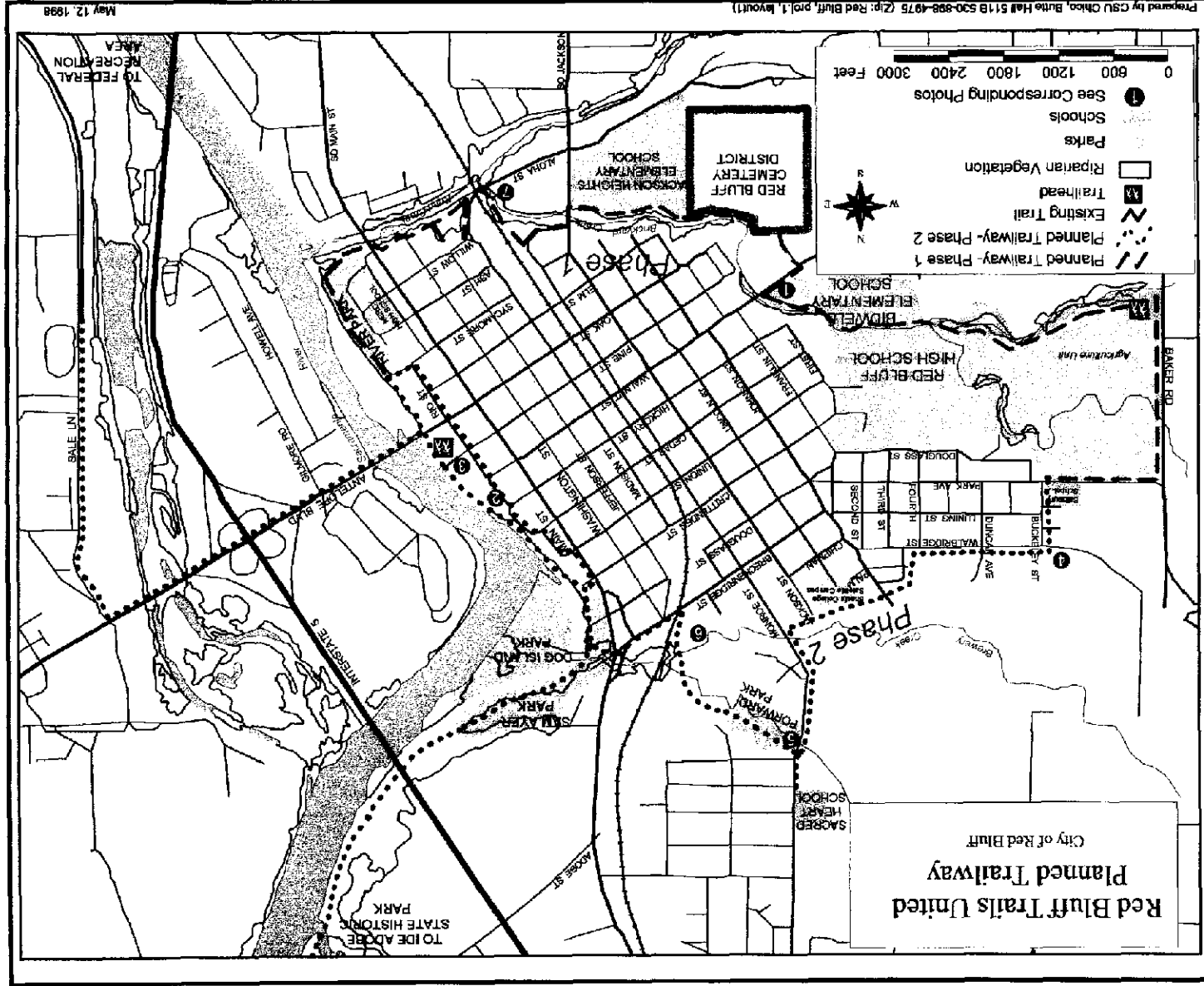
**Co-Director: Dr. Donald Holtgrieve**, Professor of Geography and Planning, CSUC. Dr. Holtgrieve teaches courses in water resources and environmental planning. He has been the recipient of many grants and awards, with a particular focus on the environment, specifically water quality and watershed management. He has extensive experience in directing grants awarded by both State and Federal Agencies, as well as official certification in Land Use, Transportation, and Wetlands Planning.

**Co-Director: Rich Holman**, Assistant Professor of Construction Management. Rich Holman has extensive experience in water-related projects. He recently was the project engineer for the Shasta Dam Temperature Control Device, which had a budget over \$63 million. Holman has been working regularly with the City of Red Bluff and Red Bluff Trails United group. Holman is an avid bicyclist and runner.

**Project Planner: Kent Lundberg**. Lundberg works for the Butte Creek Watershed Conservancy and Northern California Planning & Research. He is presently assisting in the development of the *Existing Conditions Report* and *Watershed Management Strategy* for the Butte Creek Watershed and managing two other projects-- the Tehama County Bikeways Plan and City of Red Bluff Housing Conditions Survey. Lundberg previously worked for a non-profit in Sacramento where he coordinated several public workshops and developed community participation tools.

Attachment A





# DAILY NEWS

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DAILY NEWS, RED BLUFF, CA. — THURSDAY, JUNE 4, 1998

47 cents plus tax ESTABLISHED 1885

## Red Bluff Trails Project off and running

By KATHE TRUEBLOOD  
DN Staff Writer

Imagine 12 miles of sprawling trail where the community can leisurely ride their bikes or take an evening stroll along the Sacramento River. School children can safely walk or bike to school away from traffic danger.

All this and more will be possible when the Red Bluff Trails Project links the parks, schools, creeks, river and the downtown business district.

A system of trails would provide recreational opportunities and improve safety by providing alternate, off-street travel routes for children and adults, said Community Development Director Chuck Hayden.

"The trails would also enhance the local economy by attracting tourists and in general improve the quality of life for all of us," Hayden said.

A project that has been in the works since the mid-1970s, the trail system is currently in the very early stages of trail planning and design.

A group of volunteers have formed Red Bluff Trails United, which brought the city council up to date this week on the multi-use trail system.

Associate professor Richard Hol-



A section of the proposed trail system, before and after, as it winds its way through Red Bluff River Park.

man in the Department of the Construction Management at California State University, Chico, showed the council a computer-generated view of what the trail could look like and where it would be placed.

"Red Bluff is an ideal spot for a trail system," Holman said. "There has been research done that a trail system not only increases property values around the trail but also decreases crime."

The City of Red Bluff, private businesses, CSUC, schools, county government and a truck-load of volunteers have been helping with the project.

"A lot of people have donated their time to make this happen," Holman said. "Now we are trying to find the energy and money to make it happen."

The trail system will be completed in two phases and is currently in

the information gathering and planning stages with design and construction of phase one to follow.

The proposed trail would start in Red Bluff River Park, go under the Main Street Bridge, along Reeds Creek, under the Aloha Street Bridge, up to and across Jackson Street, through Jackson Heights Elementary School, Bidwell School

(Continued on page 6)

# Trails

(Continued from page 1)

and to the west side of the football field at Red Bluff High School.

The pathway would be 12 feet wide, in compliance with a California Class 1 bike trail, Holman said.

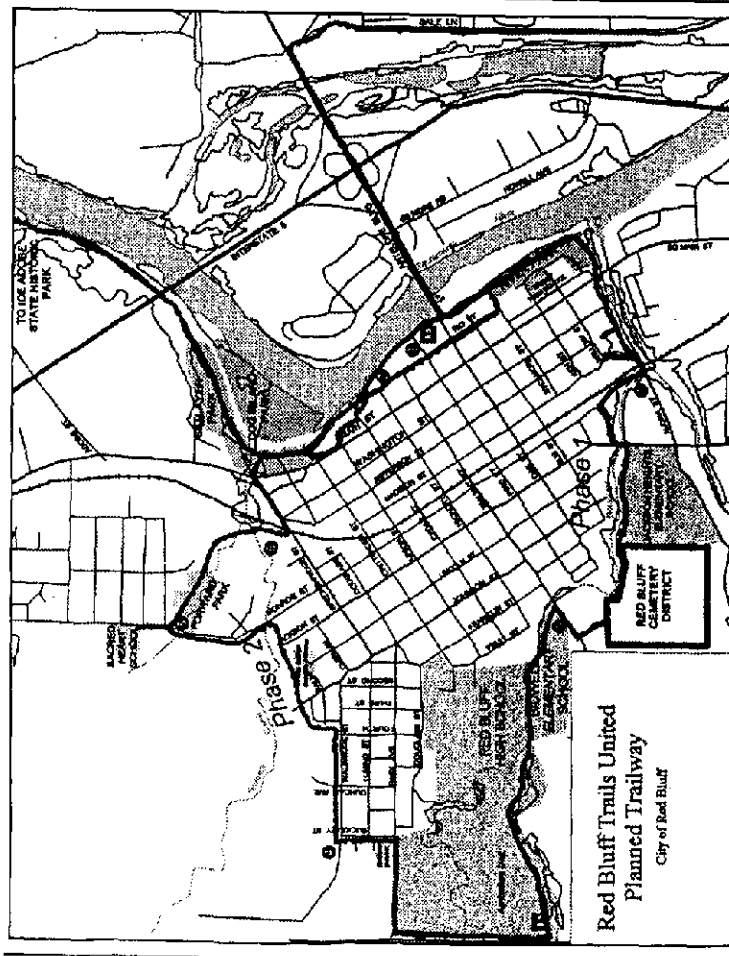
In phase two of the plan, the trail would continue up to Forward Park and Sacred Heart School, over to Sam Ayer Park and Dog Island and back around to Main and Rio streets.

Once back to Main Street, the

trail could go across Antelope Boulevard, winding its way to the Red Bluff Diversion Dam.

Eventually, the trail would also include *Ide Adobe State Historic Park*.

Anyone interested in helping with the project or who would like more information has been invited to the Red Bluff Trail United monthly meetings at Red Bluff City Hall. Because of summer vacation schedules, no meetings will be held in June or August. The next meeting is planned for 3:30 p.m. Thursday, July 9.



## Trail cleanup set for this Saturday

By KOTHE TRUEBLOOD  
ON Staff Writer

Saturday is National Trails Day, and members of the Red Bluff community will join the nationwide effort as they participate in a Cleanup Day at Dog Island-Samuel Ayers Park.

The public has been invited to join the fun from 10 a.m. to 2 p.m. Saturday.

Volunteers have been asked to bring small tools and lunch to barbecue. Drinks will be furnished. Samuel Ayers Park is one of many recreation spots in Red Bluff and offers jogging and bike trails, fishing on the Sacramento River, horseshoe pits, barbecue and picnic areas along with restrooms. It is on Main Street near Greenbridge Street.

The park will be part of the proposed city's trail system, which would link 12 miles of trail, connecting four parks, two creeks, the river, three schools and the downtown business district.

The trails are my students' outdoor classroom," said Bidwell teacher Julie Buer, who was recently named Vibran Volunteer of the Year for her time

(Continued on page 6)



## Bidwell School

1256 Walnut Street, Red Bluff, CA 96080 • (916) 527-7171

John Pisula, Principal

September 18, 1997

To Whom It May Concern,

I'd like to introduce myself. My name is Julie Buer. I am a fifth grade teacher. I teach at a school which borders Brickyard Creek in Red Bluff. During the last fourteen years, I have taken kids into the creek; a truly stupendous natural classroom. In all this time, I have nurtured a dream that the marvels of this riparian wonderland could be utilized by Red Bluffians of all ages and interests. The vehicle to make this a reality is the creation of a trail system along Brickyard's bank. Every year, more people express interest in developing the trail system. Yet every year, the hindrance is lack of funds. Consequently, I enthusiastically support any application for monies which will facilitate building of the trails.

To this end, I'd like to document the donation of services made "in kind" by my students and myself on a yearly basis to this project. Twice a year, we do an on-site garbage clean-up. This involves an average of 28 students and two adults. It takes about two hours to complete this task. I would estimate the hourly salary of the kids at half of minimum (\$2.50). Their contribution would then be \$280.00 with an adult contribution (at \$10/hr) of \$80.00 for a total of \$360.00.

Once a year, we do a cleaning along the entire length of Brickyard Creek. The class cleans the creek because we raise salmon for release at our school site. This takes four hours, and involves a smaller group of 15 or so students with five adult and high school helpers. The contribution value for this is \$350.00.

We are involved in various data collection projects, restoration projects, erosion projects, and trail maintenance projects as well. The exact nature of these projects varies from year to year, and project to project. I'll estimate the value in time of this trail project we are requesting money for. We work on the project one Friday each month of the school year. There are 8 such Fridays in this school year. This is a whole class project. We spend approximately 1 1/2 hours of class time. The contribution in kind is \$1106.25 (including adult hours).

By the way, Apple Computer donated \$300,000 in technology and funds to the Brickyard Creek project back in 1990. The contribution was used for data collection and report writing on projects ranging from species classification to building an environmental study pond.

I hope you will view this grant request favorably. The kids are talking about making this project happen as being even neater than the fact that there will be trails. They'll be out there talking to service groups, foundations, churches, and the like. I thank you for any help you can provide in assisting them with this project.

Sincerely,

Julie Buer  
c/o Bidwell School  
1256 Walnut St.  
Red Bluff, Ca. 96080  
(916) 527-7171



## CITY OF RED BLUFF

555 Washington Street Post Office Box 400 Red Bluff, California 96080 (916) 527-2605

June 2, 1998

Honorable Mayor and Members of the City Council  
Red Bluff, California

**SUBJECT: Overview of Proposed Trails System**

Councilmembers:

Since the mid-1970s the concept of a system of multi-use trails within our community has been discussed by various local groups. A system of trails in our community would provide recreational opportunities; enhance safety by providing alternate travel routes (off streets) for children and adults; enhance the local economy by attracting tourists; and in general improve the quality of life for all of us.

The various groups interested in promoting local trails have come together and organized under the name "Red Bluff Trails United" (RBTU). Members of RBTU include representatives of the local elementary and high school districts; the county government; other county agencies such as the Resource Conservation District; non-profit organizations such as CHIP and the Tehama County Education Foundation; City employees and many other individuals.

The trails system concept, which has been a part of City Plans since 1974, is by no means solely a City project. However, City Council proclamation of June 6, 1998 as Trails Day in Red Bluff demonstrates, to possible funding organizations, the widespread support for the concept and will increase the likelihood of securing funding to plan, design and construct the trails.

We are currently in the very early stages of trail planning and design. Mr. Richard Holman, an Associate Professor in the Department of Construction Management at California State University in Chico, will present a brief overview of the trails system to provide a more detailed representations of what could be a substantial community asset.

**RECOMMENDATION:**

That the City Council hear the presentation by Richard Holman relating to a proposed multi-use trail system.

Respectfully submitted,

Charles E. Hayden  
Community Development Director

Peter C. Harvey  
City Manager

c Richard Holman

**PROCLAMATION**

**PROCLAIMING JUNE 6, 1998, AS TRAILS DAY IN  
TEHAMA COUNTY**

**WHEREAS**, trails are an integral part of the California recreation and transportation system, thus improving the quality of life for residents and attracting tourists and visitors;

**WHEREAS**, trails provide a path away from traffic for students to travel to and from school;

**WHEREAS**, trails are a valuable community resource providing recreational benefits to area residents and are an important contributor to the County's economic development;

**WHEREAS**, trails provide an opportunity to improve our physical fitness;

**WHEREAS**, trails provide outdoor classrooms for nature study and an appreciation of our historic past; and

**WHEREAS**, volunteer efforts to build, maintain, protect and interpret trails provide an invaluable service for all citizens to enjoy.

**NOW, THEREFORE, THE TEHAMA COUNTY BOARD OF SUPERVISORS** hereby proclaims June 6, 1998, as **TRAILS DAY** in Tehama County in celebration of National Trails Day and to promote the importance of trails in our county.

**PROCLAIMED** this 2<sup>nd</sup> day of June, 1998

**COUNTY OF TEHAMA**

  
Bill Borrer, Chairman  
Of the Board of Supervisors

## RED BLUFF UNION SCHOOL DISTRICT

1755 Airport Blvd.  
Red Bluff, California 96080

Jack Hansen  
Superintendent

Telephone: (916) 527-7200  
Fax: (916) 527-9308

August 6, 1997

Chuck Hayden  
Community Development Department  
CITY OF RED BLUFF  
P. O. Box 400  
Red Bluff, CA 96080

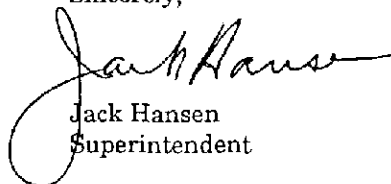
Dear Chuck:

This letter is written to commit my enthusiastic support for the City of Red Bluff's proposal to apply for National Park Service Rivers, Trails and Conservation Assistance aimed at developing a project which connects the open space on Brickyard Creek and the Sacramento River with a trail which will help to promote economic development, safety and educational opportunities for the Red Bluff area.

The City of Red Bluff, California State University, Chico, and Red Bluff Union School District have been working together to create a planning process using local resources to support this project.

We are fortunate to enjoy an existing relationship with the City of Red Bluff which has resulted in successful projects in the past. We look forward to extending this valued relationship with the funding of the "Red Bluff Trail System" proposal and to the conservation education opportunities it provides for the schools, school children and residents of Red Bluff.

Sincerely,



Jack Hansen  
Superintendent

JDH/jaf



Attachment H

## RED BLUFF JOINT UNION HIGH SCHOOL DISTRICT

P.O. BOX 1507 • 1525 DOUGLASS STREET • RED BLUFF, CALIFORNIA 96080-1507 • (530) 529-8700 • FAX (530) 529-8709

SUPERINTENDENT  
Frank Cranley

ASSISTANT SUPERINTENDENT  
Wesley G. Combes

August 1, 1997

Charles E. Hayden  
Director, Community Development Department  
City of Red Bluff  
P.O. Box 400  
Red Bluff, California 96080

Dear Chuck,

I was most pleased to discuss with you your plans regarding the installation to a walking path along the Brickyard Creek Canyon. As you know, the canyon captures the beauty of the one of Red Bluff's most picturesque natural resources.

The Red Bluff Union High School District is most enthusiastic about the development of an access path in and through the canyon. We already have plans to expand such a development in the upper reaches of the canyon in the immediate future. Your proposal complements what we believe is a great idea in a more centrally located sphere of influence of the city.

Please advise as to how we may assist as your plans move forward.

Again, it was a pleasure to meet with you. I am looking forward to a long and productive working relationship with you and the other administrators of the City of Red Bluff which beneficially serves the Red Bluff community.

Yours sincerely,

*Frank Cranley*  
Frank Cranley

Vicky P. Dawley

Robert C. Grace

BOARD OF TRUSTEES  
Daniel M. King, M.D.

Steven M. Mahoney

David R. Nichols

# APPLICATION FOR FEDERAL ASSISTANCE

<b>1. TYPE OF SUBMISSION</b> Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		<b>2. DATE SUBMITTED</b> July 2, 1998		Applicant Identifier	
Preapplication <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		<b>3. DATE RECEIVED BY STATE</b> State Applicant Identifier		<b>4. DATE RECEIVED BY FEDERAL AGENCY</b> Federal Identifier	

**5. APPLICANT INFORMATION**

<b>Legal Name:</b> The CSU, Chico Research Foundation <b>Address (give city, county, state, and zip code):</b> Kendall Hall, Room 111 CSU, Chico Chico, CA 95929-0870	<b>Organizational Unit:</b> Name and telephone number of person to be contacted on matters involving this application (give area code) Technical: Kristin Cooper Carter (530) 898-5026 Budgetary: Jeff Wright (530) 898-5700 Contractual: Virginia Sturt (530) 898-4044
---	---

**6. EMPLOYER IDENTIFICATION NUMBER (EIN):**  

6	8	-	0	3	8	6	5	1	8
---	---	---	---	---	---	---	---	---	---

**7. TYPE OF APPLICANT: (enter appropriate letter in box)** I

A. State	H. Independent School Dist.
B. County	I. State Controlled Institution of Higher Learning
C. Municipal	J. Private University
D. Township	K. Indian Tribe
E. Interstate	L. Individual
F. Intermunicipal	M. Profit Organization
G. Special District	N. Other (Specify) _____

**8. TYPE OF APPLICATION:**  
☒ New    ☐ Continuation    ☐ Revision  
 If Revision, enter appropriate letter(s) in box(es):    
 A. Increase Award    B. Decrease Award    C. Increase Duration  
 D. Decrease Duration    Other (specify): \_\_\_\_\_

**9. NAME OF FEDERAL AGENCY:**  
 CALFED Bay-Delta Programs

**10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:**  

		.			
--	--	---	--	--	--

**TITLE:** \_\_\_\_\_

**11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:**  
 Red Bluff Trailways Education and Outreach Program

**12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.):**  
 Red Bluff, Tehama County

<b>13. PROPOSED PROJECT:</b> Start Date: _____ Ending Date: _____	<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant: 2nd b. Project: 2nd/3rd
--	--

<b>15. ESTIMATED FUNDING:</b> <table style="width: 100%;"> <tr> <td style="width: 20%;">a. Federal</td> <td style="width: 10%;">\$</td> <td style="width: 40%;">41,414.51</td> <td style="width: 10%;">.00</td> </tr> <tr> <td>b. Applicant</td> <td>\$</td> <td></td> <td>.00</td> </tr> <tr> <td>c. State</td> <td>\$</td> <td></td> <td>.00</td> </tr> <tr> <td>d. Local</td> <td>\$</td> <td></td> <td>.00</td> </tr> <tr> <td>e. Other</td> <td>\$</td> <td></td> <td>.00</td> </tr> <tr> <td>f. Program Income</td> <td>\$</td> <td></td> <td>.00</td> </tr> <tr> <td>g. TOTAL</td> <td>\$</td> <td>41,414.51</td> <td>.00</td> </tr> </table>	a. Federal	\$	41,414.51	.00	b. Applicant	\$		.00	c. State	\$		.00	d. Local	\$		.00	e. Other	\$		.00	f. Program Income	\$		.00	g. TOTAL	\$	41,414.51	.00	<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b> a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE: _____ b. NO. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
a. Federal	\$	41,414.51	.00																										
b. Applicant	\$		.00																										
c. State	\$		.00																										
d. Local	\$		.00																										
e. Other	\$		.00																										
f. Program Income	\$		.00																										
g. TOTAL	\$	41,414.51	.00																										

**17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?**  
☐ Yes    If "Yes," attach an explanation.    ☒ No

**18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.**

a. Typed Name of Authorized Representative Jeff Wright	b. Title Director, Office of Sponsored Programs	c. Telephone number 916-898-5700
d. Signature of Authorized Representative 		e. Date Signed July 2, 1998

# **BUDGET INFORMATION - Non-Construction Programs**

OMB Approval No. 0348-0044

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.	N/A			\$43,696		\$43,696
2.						\$0
3.						\$0
4.						\$0
5. TOTALS		\$0	\$0	\$43,696	\$0	\$43,696
<b>SECTION B - BUDGET CATEGORIES</b>						
6. OBJECT CLASS CATEGORIES		GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
		(1) CALFED Category III	(2)	(3)	(4)	(5)
a. Personnel		\$22,785				\$22,785
b. Fringe Benefits		\$5,431				\$5,431
c. Travel		\$713				\$713
d. Equipment						\$0
e. Supplies		\$915				\$915
f. Contractual GIS Mapping		\$2,000				\$2,000
g. Construction						\$0
h. Other						\$0
i. Total Direct Charges (sum of 6a-6h)		\$31,845				\$31,845
j. Indirect Charges		\$9,570				\$9,570
k. TOTALS (sum of 6i and 6j)		\$41,415				\$41,415
7. PROGRAM INCOME		\$0	\$0	\$0	\$0	\$0

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Standard Form 424A (Rev. 4-92)  
Prescribed by OMB Circular A-102

I-012516

I-012516

I-012517

(a) Grant Program	(b) Applicant	(c) State	(d) Other sources	(e) TOTALS
8. CALFED Category III	\$0	\$0	\$0	\$0
9.				\$0
10.				\$0
11.				\$0
12. TOTALS (sum of lines 8 and 11)	\$0	\$0	\$0	\$0

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$41,415	\$10,354	\$10,354	\$10,354	\$9,966
14. NonFederal	\$0	\$0	\$0	\$0	\$0
15. TOTAL (sum of lines 13 and 14)	\$41,415	\$10,354	\$10,354	\$10,354	\$9,966

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCED FISCAL PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. EEGP Phase II - Year 1	\$41,415	\$	\$	\$
17. EEGP Phase II - Year 2		\$39,500		
18. EEGP Phase II - Year 3			\$39,500	
19. EEGP Phase II - Year 4				\$39,500
20. TOTALS (sum of lines 16 - 19)	\$41,415	\$39,500	\$39,500	\$39,500

SECTION F - OTHER BUDGET INFORMATION		
21. Direct Charges:	\$29,147	22. Indirect Charges
		\$9,570 Total Indirect Expense (42% S&W)
23. Remarks		

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Standard Form 424A (Rev. 4-92) Page 3

I-012517

## NONDISCRIMINATION COMPLIANCE STATEMENT

FD-11 (REV. 5-85) BAC

COMPANY NAME

CSU, Chico Research Foundation

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

## CERTIFICATION

*I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.*

OFFICIAL'S NAME

Jeff Wright

DATE EXECUTED

July 2, 1998

EXECUTED IN THE COUNTY OF

Butte

PROSPECTIVE CONTRACTOR'S SIGNATURE

PROSPECTIVE CONTRACTOR'S TITLE

Director, Office of Sponsored Programs

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

CSU, Chico Research Foundation

## ASSURANCES—NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

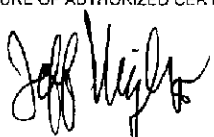
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**Note:** Certain of these assurances may not be applicable to your project or program. If you have questions please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. §§ 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-33.3), regarding labor standards for federally assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984 or OMB Circular No. A-133. Audits of Institutions of Higher Learning and other Non-profit Institutions.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 		TITLE Director, Office of Sponsored Programs
APPLICANT ORGANIZATION The CSU, Chico Research Foundation California State University, Chico		DATE SUBMITTED 7-2-98

Standard Form 4246 (Rev. 4/92) back

**Certifications Regarding Debarment, Suspension and  
Other Responsibility Matters, Drug-Free Workplace  
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used or use this form for certification and sign. (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

---

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions**

---

*CHECK ☐ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE*

---

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
  - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

---

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions**

---

*CHECK ☐ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE*

---

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

DI-2010  
June 1995  
(This form replaces DI-1863, DI-1864,  
DI-1865, DI-1866 and DI-1867)

**PART C: Certification Regarding Drug-Free Workplace Requirements**

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL

**Alternate I. (Grantees Other Than Individuals)**

**A. The grantee certifies that it will or continue to provide a drug-free workplace by:**

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about—
  - (1) The dangers of drug abuse in the workplace;
  - (2) The grantee's policy of maintaining a drug-free workplace;
  - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
  - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will —
  - (1) Abide by the terms of the statement; and
  - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted —
  - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
  - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

**B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:**

**Place of Performance (Street address, city, county, state, zip code)**

CSII, Chico Research Foundation, Kendall Hall, Room 114  
Chico, California 95929-0870

Check ☐ if there are workplaces on file that are not identified here.

**PART D: Certification Regarding Drug-Free Workplace Requirements**

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL

**Alternate II. (Grantees Who Are Individuals)**

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

DI-2010  
June 1986  
(This form replaces DI-1863, DI-1864,  
DI-1865, DI-1866 and DI-1903)

**PART E: Certification Regarding Lobbying**  
**Certification for Contracts, Grants, Loans, and Cooperative Agreements**

*CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.*

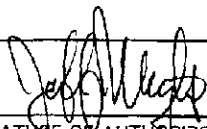
*CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.*

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.



SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Jeff Wright Director, Office of Sponsored Programs

TYPED NAME AND TITLE

DATE July 2, 1998



**BUTTE CREEK**  
WATERSHED CONSERVANCY  
PO BOX 1611 • CHICO, CA 95927-1611  
916 893-5399

HAND DELIVERY

July 2, 1998

Dr. Donald Holtgrieve  
Research Foundation, Project Director  
Department of Geography and Planning  
California State University, Chico  
Chico, California 95929-0425

Dear Don:

The Butte Creek Watershed Conservancy ("BCWC") Executive Committee acknowledges receipt of the following two grant proposals for the *CALFED Proposal Solicitation Package* deadline of July 2, 1998: 1) Butte Creek Riparian Restoration Project, 2) The Butte Creek Watershed Educational Workshop and Field Tour Series. Due to short notice and personal schedules, the Executive Committee has been unable to fully review the proposals. These proposals are extremely important and it may be necessary for the full Board of Directors to discuss the proposals' merits. In the interest of time, however, the Executive Committee acknowledges that the proposals will be submitted on July 2<sup>nd</sup>, 1998 for CALFED review. When the full Board of Directors has had an opportunity to review the proposals, BCWC input will be forthcoming. If you have any questions please feel free to contact me at (530) 893-5399.

FOR THE EXECUTIVE COMMITTEE

Brendan J. Vieg  
Watershed Coordinator  
Butte Creek Watershed Conservancy

cc: Jeff Wright  
Director, Office of Sponsored Programs  
CSUC Research Foundation